

Work Order ID 86101

86101

Page 1

Item ID: D3245-11

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Gasket 9.01

Start Date: 20/06/2012 Start Qty: 10.00

10

Cust Item ID:

Required Date: 04/07/2012 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 12/06/20 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3245

Rev C

100

0.00

100

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3245Dwg Rev: C Prog Rev: C 2-Deburr
if necessary

Gasket - Durablast

10 0 Jm 12-6-28

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

10 0 Jm 12-6-28

120

QC8- Inspect parts - second check

0.00

120

QC

Memo

0.00

Quality Control

Silberberg

(10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86101

June-20-12 2:50:13 PM

86101

Page 2

Item ID: D3245-11

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Gasket 9.01

Start Date: 20/06/2012 Start Qty: 10.00

10

Cust Item ID:

Required Date: 04/07/2012 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Memo

232A

0.00

10

12/06/29 JB

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

12/7/3 JB

MF
12-06-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

June-20-12 2:50:16 PM

Page 1

Work Order ID: 86101

86101

Parent Item: D3245-11

D3245-11

Parent Item Name: Gasket 9.01

Start Date: 20/06/2012

Required Date: 04/07/2012

Start Qty: 10.00

Required Qty: 10.00

Comments:

IPP B04.12.06Made in-houseKJ/JLM

IPP Rev:C ecn 1052/water jet 07-11-05 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3245		Manufactured	No			100	Each	21.0500	0.0438	0.461053			
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D3245

Gasket

**

Jun 12-6-28

Location

Loc Qty

Loc Code

MAT052

21.05

77224

21.05

77224

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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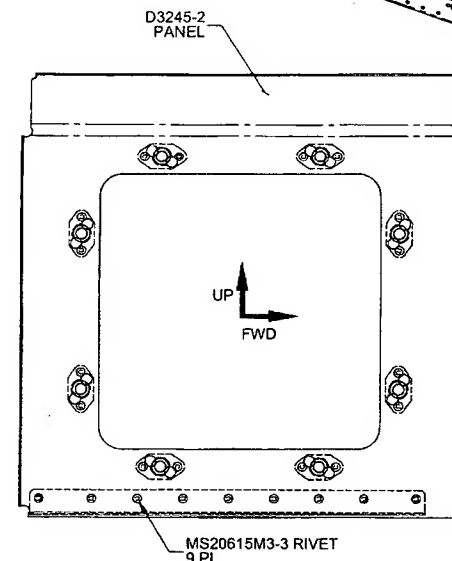
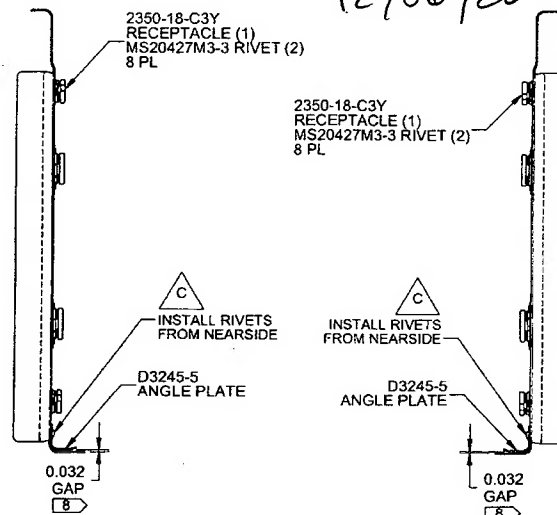
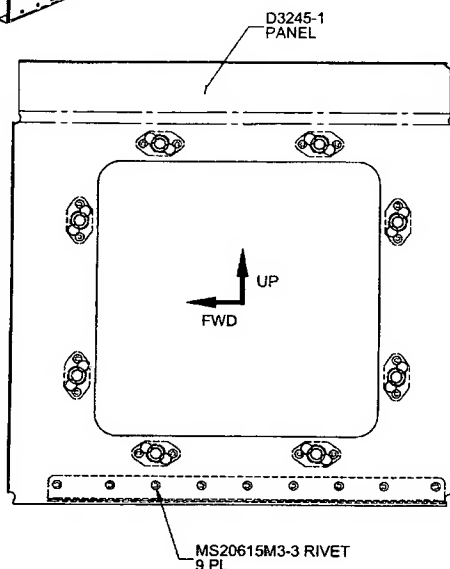
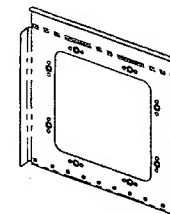
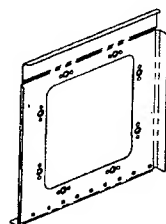
WITHOUT NOTICE
WORK ORDER

NO. 06101 MCT

12/06/20

D3245-041 ACCESS PANEL ASSY (LH)

D3245-042 ACCESS PANEL ASSY (RH)



QTY -041	QTY -042	P/N	DESCRIPTION
X		D3245-041	ACCESS PANEL ASSY (LH)
	X	D3245-042	ACCESS PANEL ASSY (RH)
1		D3245-1	PANEL
1	1	D3245-2	PANEL
8	8	D3245-5	ANGLE PLATE
16	16	2350-18-C3Y	RECEPTACLE
9	9	MS20427M3-3	RIVET
		MS20615M3-3	RIVET

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) ASSEMBLE IN ACCORDANCE WITH DART QSI 002
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3245-XX" AND B/N "BXXXXX" PER QSI 044 METHOD 6.1
- 7) WEIGHT: 0.83 lbs
- 8) TEMPORARILY INSERT A 0.032" GAUGE PLATE PRIOR TO RIVETING D3245-5 TO PANEL



C	ADDED NOTE 8, SHEET 1. SPECIFIED RIVET ORIENTATION (B4-1, B5-1). CHANGED 1/4-TURN STUD FROM 2351-20-009-C3Y TO 2351-20-012-C3Y (D5-2). HOLE SIZE WAS 0.098, 9 PLACES (D6-6). HOLE SIZE WAS 0.219, 8 PLACES (D7-5). REF: PAR 12-165	RP	12.04.11
B	REMOVE Ø0.204 HOLES FROM D3245-1/1F. REMOVE MS21060-L3K NUTPLATES & DURABLE BLACK GASKETS FROM D3245-041/-042. HOLES AND ITEMS ARE NOW PART OF INSTALLATION. ASSIGN PINS TO GASKETS & REFORMAT DRAWING	MB	07.10.02
A	NEW ISSUE	RF	04.01.27
REV	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB	DRAWING NO.	REV. C
CHECKED	A.P.	D3245	SHEET 1 OF 7
MFG. APPR.		TITLE	SCALE
APPROVED		ACCESS PANEL ASSY	NTS
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DATE	12.04.11		

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2012-05-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

D3245-3 DOOR

2351-20-012-C3Y STUD
127H-35 GROMMET
8 PL

C

8.00
REF

8.00 REF

D3245-7 GASKET
REFINSTALL D3245-7
GASKET ON THIS SIDE
6**D3245-043 DOOR ASSY**

QTY -043	P/N	DESCRIPTION
X	D3245-043	ACCESS PANEL ASSY
1	D3245-3	DOOR
1	D3245-7	GASKET
8	127H-35	GROMMET
8	2351-20-012-C3Y	STUD

C

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) INSTALL D3245-7 GASKET USING 3M SCOTCH-GRIP 1300/1300L ADHESIVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
- 7) ASSEMBLE IN ACCORDANCE WITH DART QSI 002
- 8) IDENTIFICATION: IDENTIFY WITH DART P/N "D3245-043" AND B/N "BXXXXX" PER QSI 044 METHOD 6.1
- 9) WEIGHT: 0.72 lbs

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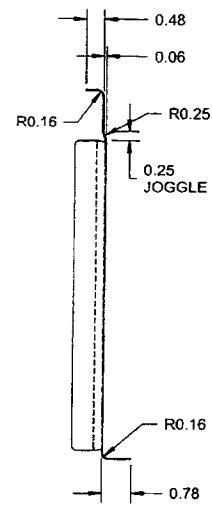
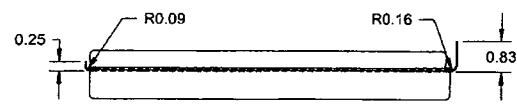
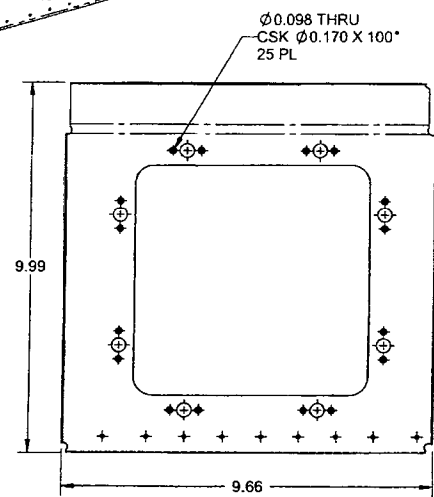
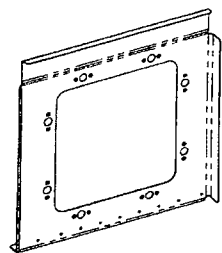
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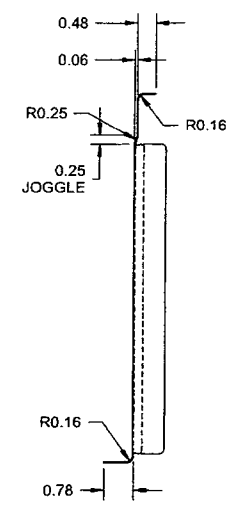
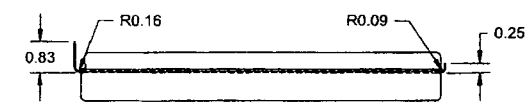
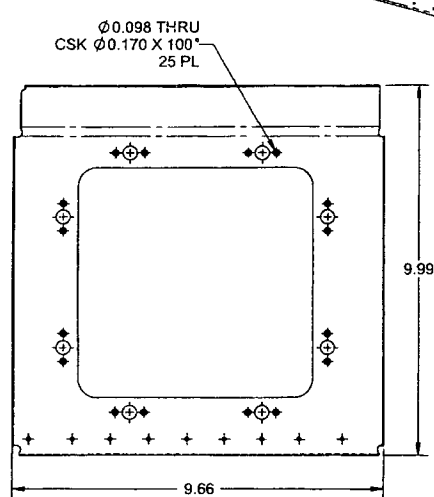
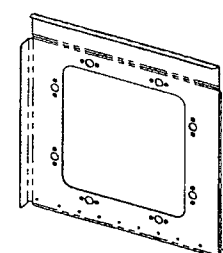
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

26101



D3245-1 PANEL (LH)



D3245-2 PANEL (RH)

- NOTES:
- 1) MATERIAL: MAKE FROM D3245-1F
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.70 lbs

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2012-05-07

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CHECKED	AP	DRAWING NO.	REV. C
MFG. APPR.		D3245	SHEET 3 OF 7
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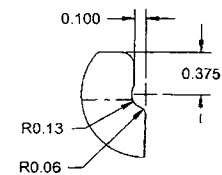
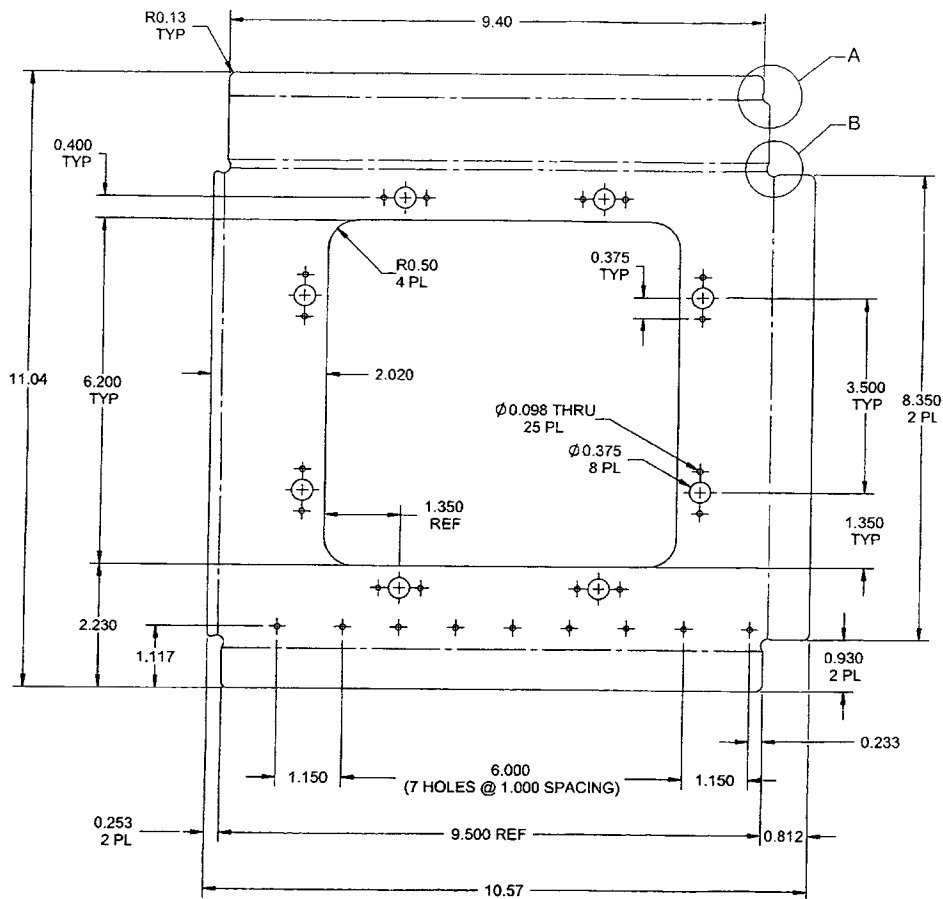
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

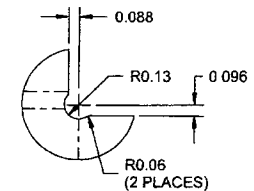
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DETAIL A: RELIEF
SCALE 1:1



DETAIL B: RELIEF
TYP, 4 PL
SCALE 1:1

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2012-05-07

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, 0.032 THICK, ANNEALED, 2B FINISH, PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 (REF. DART SPEC. M304S22GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.70 lbs

D3245-1F PANEL FLAT PATTERN

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB		
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MFG. APPR.			SHEET 4 OF 7
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DE APPR.		ACCESS PANEL ASSY	NIS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

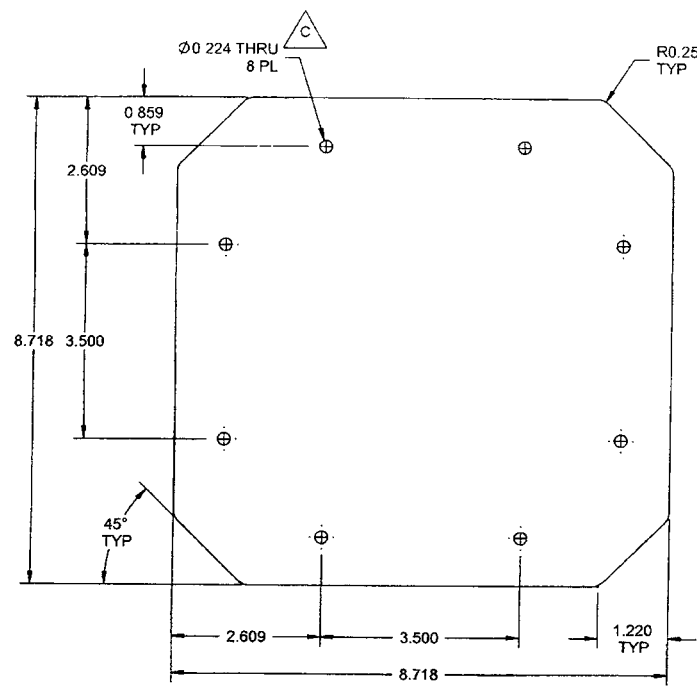
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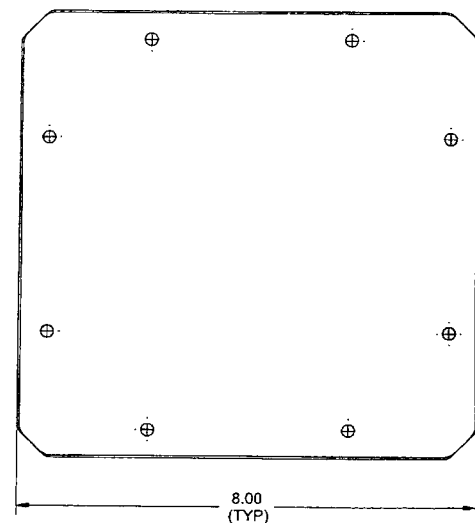
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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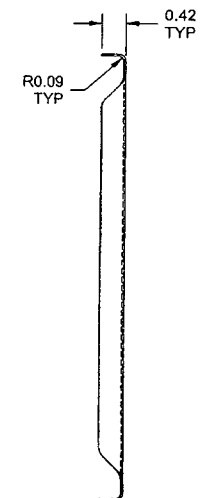
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D3245-3F DOOR FLAT PATTERN

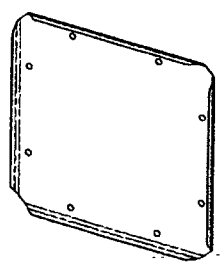


**D3245-3 DOOR
(MADE FROM D3245-3F)**



86101

- NOTES:**
- 1) MATERIAL: AISI 304/316 SS SHEET, 0.032 THICK, ANNEALED, 2B FINISH, PER MIL S-6059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 (REF. DART SPEC. M304S22GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.66 lbs



RELEASED
2012-05-07

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB		
CHECKED	A.P.	DRAWING NO. D3245	REV. C
MFG. APPR.			SHEET 5 OF 7
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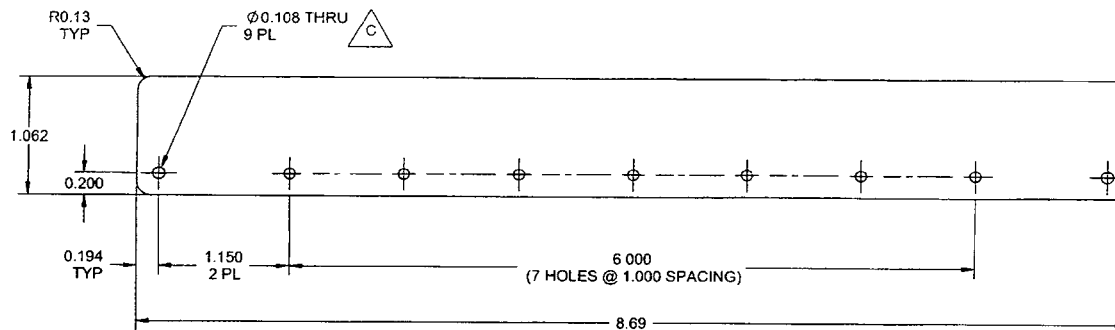
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

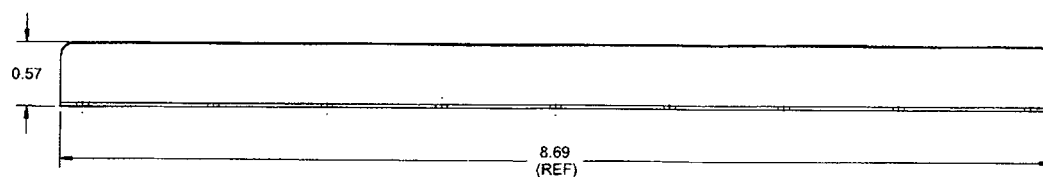
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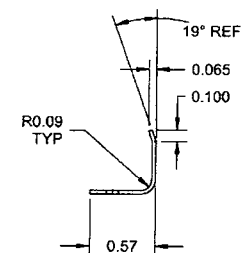
NOTE: Date & initial all entries



D3245-5F FLAT PATTERN



D3245-5 ANGLE PLATE
(MAKE FROM D3245-5F)



DEL. USED
2012-05-07

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, 0.032 THICK, ANNEALED, 2B FINISH, PER MIL-S-6059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 (REF. DART SPEC. M304S22GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.08 lbs

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	MB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AR	DRAWING NO.	REV. C
MFG. APPR.	ED	D3245	SHEET 6 OF 7
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

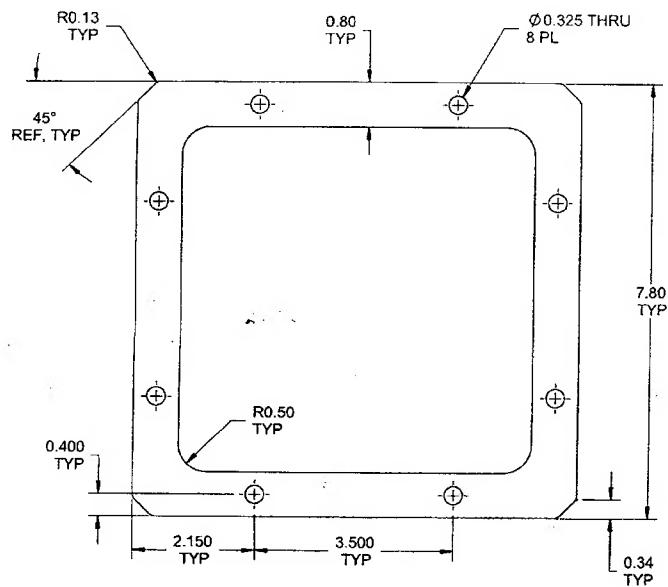
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

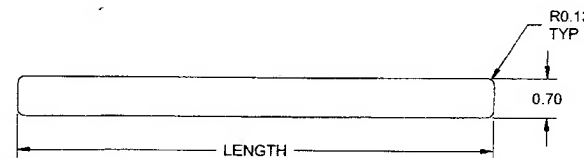
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

86101



D3245-7 GASKET



D3245-X GASKET

P/N	LENGTH
D3245-9	8.35
D3245-11	9.01
D3245-13	9.50

NOTES:

- 1) MATERIAL: DURABLA BLACK GASKET, 0.035 THICK
PER MIL-A-7021C OR MIL-A-17472B OR MIL-G-12803A OR AMS 3232
(REF. DART SPEC. MDURAS.035)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: LESS THAN 0.011bs

RELEASED
2012-05-07

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB		
CHECKED	A.J.	DRAWING NO.	REV. C
MFG. APPR.	E	D3245	SHEET 7 OF 7
APPROVED	TH	TITLE	SCALE
DE APPR.	TH	ACCESS PANEL ASSY	NTS
DATE	12.04.11	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

